

AMENDMENTS TO THE SPECIFICATION

Please AMEND the paragraph beginning on page 29, line 6 as follows:

Described below is the comparison between the present system and the conventional system. Assuming that the number of receivers is X , and K network adapters, that is, the transmission units according to the present system, and the NICs in the conventional system, are used, the I/O bus load is K/XK , and the number of receivers processed in each network adapter is X/K . The process of the processor of the transmission server only includes the receiver management, the data preparation, and the primary transmission to each network adapter. According to the present system, the receiver management is proportional to the number X of receivers, the data preparation is made only once per transmission data type, and the primary transmission of data is proportional to K . According to the conventional system, every process is proportional to X . Since the receiver management process is performed only when the transmission is started and terminated, the load for a predetermined period is much smaller than in the transmitting process. Therefore, it is assumed that the processor load in the present system is equal to or smaller than K/X . Thus, according to the present system, the process load of the transmission server can be reduced, and the transmitting process performed in real time in most cases can be distributed to a plurality of network adapters. Therefore, the process load of each network adapter can be reduced. Furthermore, the load of the I/O bus can be reduced.